



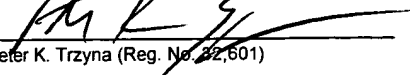
2145
1FW

I hereby certify that this correspondence is being filed by facsimile with a confirmation copy being deposited with the United States Postal Service as first class mail in an envelope with sufficient postage and addressed to MS: IDS, Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.

PATENT

Paper No.

File: AIS-P99-1

By 
Peter K. Trzyna (Reg. No. 32,601)

Date June 10, 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor	:	Daniel L. Marks
Serial No.	:	09/399,578
Filed	:	September 20, 1999
For	:	GROUP COMMUNICATIONS MULTIPLEXING SYSTEM
Group Art Unit	:	2145
Examiner	:	P. Winder

Honorable Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

S I R :

Transmitted herewith for filing in the above-identified patent application are the following.

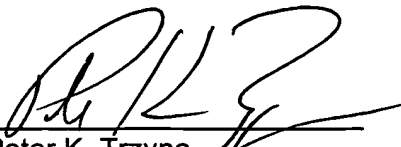
1. Information Disclosure Statement (2 pages);
2. PTO Form 1449 (7 pages); and
3. PTO Form 1449 (2 pages).

The art listed on the enclosed PTO Form 1449s has been delivered to the Examiner's office at 401 Delany Street. The Commissioner is hereby authorized to charge any fees associated with the above-identified patent application or credit any overcharges to Deposit

Account No. 50-0235. Please direct all correspondence to the undersigned at the address given below.

Respectfully submitted,

Date: June 10, 2005



Peter K. Trzyna
(Reg. No. 32,601)

P.O. Box 7131
Chicago, IL 60680-7131
(312) 240-0824



I hereby certify that this correspondence is being filed by facsimile with a confirmation copy being deposited with the United States Postal Service as first class mail in an envelope with sufficient postage and addressed to MS: IDS, Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.

By

Peter K. Trzyna (Reg. No. 32,601)

Date June 10, 2005

PATENT

Paper No.

File: AIS-P99-1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor	:	Daniel L. Marks
Serial No.	:	09/399,578
Filed	:	September 20, 1999
For	:	GROUP COMMUNICATIONS MULTIPLEXING SYSTEM
Group Art Unit	:	2145
Examiner	:	P. Winder

Honorable Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

SIR:

This Information Disclosure Statement is being filed pursuant to the duty of disclosure, candor, and good faith embodied in 37 C.F.R. §§ 1.56 and 1.97 owed by the inventor, the inventor's assignee substantively involved in the application, and the patent attorney to the United States Patent and Trademark Office. This Information Disclosure Statement accompanies two separate Form 1449 citations, one is 7 pages long, and the other is 2 pages long. A copy of each citation is enclosed herewith.

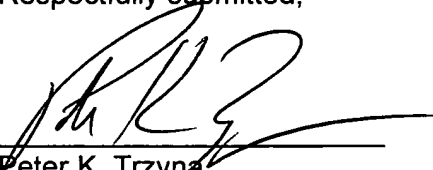
While the Information Disclosure Statement, publications, and other information provided by Applicant may be "material" pursuant to 37 C.F.R. § 1.56, it is not intended that

these constitute an admission of "prior art" for this invention. This Information Disclosure Statement shall not be construed to mean that no other material information, as defined in 37 C.F.R. § 1.56, exists.

Should any fees be deemed necessary, the Commissioner is authorized to charge any deficiency or to credit any over payment to Deposit Account No. 50-0235.

Respectfully submitted,

Date: June 10, 2005



Peter K. Trzyna
(Reg. No. 32,601)

P.O. Box 7131
Chicago, IL 60680-7131
(312) 240-0824



PTO/SB/08A (08-03)

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Application Number	09/399,578
Filing Date	09/20/1999
First Named Inventor	Marks, Daniel L.
Group Art Unit	2155
Examiner Name	Winder, Patrice L.
Attorney Docket Number	ALW-P1-99

Sheet 1 of 2

U.S. PATENT DOCUMENTS

Examiner Initial*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	A1	5,008,853	04/16/91	Bly, et al.	
	A2	5,659,692	08/19/97	Poggie, et al.	
	A3	4,525,779	06/25/85	Davids, et al.	
	A4	5,528,671	06/18/96	Ryu, et al.	
	A5				

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
	A6					
	A7					

OTHER ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	A8	Rules for IRC networking – Ratified July 6th 1994; Edited June 29th by #EU-Opers
	A9	Internet Relay Chat FAQ
	A10	IRC – Internet Relay Chat, doc/MANUAL; Copyright 1990, Karl Kleinpaste
	A11	Undemet IRC FAQ (Part I) (updated 28th July 1995) – Weekly Report
	A12	Undemet IRC FAQ (Part II) (updated 28th July 1995) – Weekly Report
	A13	A short IRC primer; Edition 1.1b, February 28, 1993
	A14	Internet Relay Chat Protocol; J. Oikarinen, D. Reed; May 1993
	A15	Alta Vista: Simple Query +cu-seeme +history;
	A16	Mac OS CU-SeeMe Change History README file
	A17	GIF Image 627x324 pixels
	A18	NetSpeak Information Server (IS);
	A19	WebPhone Gateway eXchange Server (WGX)
	A20	WebPhone® 3.1
	A21	NetSpeak Servers
	A22	NetSpeak Corporation – Corporate Overview

EXAMINER
SIGNATURE

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450 Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. Send TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1800-786-9199) and select option 2.

Rev. Sept. 03

X:\OPEN\WCI v AOL\file Histories\IDS.doc

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	09/399,578
				Filing Date	09/20/1999
				First Named Inventor	2155
				Group Art Unit	2155
				Examiner Name	Winder, Patrice L.
				Attorney Docket Number	As-P1-99
Sheet	2	Of	2		

OTHER ART -- NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	A23	NETSPEAK CORPORATION INTRODUCES WEBPHONE, INDUSTRY'S FIRST INTERNET-BASED TELEPHONE SOLUTION FOR BUSINESS USERS
	A24	NetSpeak Network Component Architecture (NCA) Overview
	A25	Electropolis: Communication and Community On Internet Relay Chat; Elizabeth M. Reid 1991
	A26	CU-SeeMe, Updated: Thursday 21 December 1995
	A27	CU-SeeMe Tech-Toys

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard St. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.



Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

(Use as many sheets as necessary)

Sheet

1

0

7

Application Number

Complete if Known

09/399.578

Filing Date

09/20/1999

First Named Inventor

Marks, Daniel L.

Art Unit

2155

Examiner Name

Winder, Patrice L.

Attorney Docket Number

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	A1	US- 5,563,804	10/08/1996	Mortensen et al.	
	A2	US- 5,894,556	04/13/1999	Grimm et al.	
	A3	US- 5,951,694	09/14/1999	Choquier et al.	
	A4	US- 6,289,390 B1	09/11/2001	Kavner	
	A5	US- 4,525,779	06/25/1985	Davids et al.	
	A6	US- 5,008,853	04/16/1991	Bly et al.	
	A7	US- 5,528,671	06/18/1996	Ryu et al.	
	A8	US- 5,659,692	08/19/1997	Poggio et al.	
	A9	US- 5,724,508	03/03/1998	Harple, Jr. et al.	
	A10	US- 5,880,731	03/09/1999	Liles et al.	
	A11	US- 5,608,786	03/04/1997	Gordon	
	A12	US- 5,548,506	08/20/1996	Srinivasan	
	A13	US- 5,333,266	07/26/1994	Boaz et al.	
	A14	US- 5,793,365	08/11/1998	Tang et al.	
	A15	US- 5,960,173	09/28/1999	Tang et al.	
	A16	US- 5,740,231	04/14/1998	Cohn et al.	
	A17	US- 6,064,723	05/16/2000	Cohn et al.	
	A18	US- 5,761,201	06/02/1998	Vaudreuil	
	A19	US- 5,621,727	04/15/1997	Vaudreuil	
	A20	US 6,119,101	09/12/2000	Peckover	

[illegible]

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Substitute for form 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	
				09/399,578	
				Filing Date	
				09/20/1999	
				First Named Inventor	
		Marks, Daniel L.			
Art Unit		2155			
Examiner Name		Winder, Patrice L.			
Attorney Docket Number					
Sheet	2	of	7		

(Use as many sheets as necessary)

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	A21	REAL TIME GROUPWARE ON THE INFORMATION HIGHWAY, Saul Greenberg, Department of Computer Science, University of Calgary, Alberta Canada (1994)	
	A22	REAL TIME GROUPWARE AS A DISTRIBUTED SYSTEM: CONCURRENTLY CONTROL AND ITS EFFECT ON THE THE INTERFACE, Saul Greenberg and David Marwood, Department of Computer Science, University of Calgary, Alberta Canada (1994)	
	A23	A GROUPWARE ENVIRONMENT FOR COMPLETE MEETINGS, Ted O'Grady and Saul Greenberg, The University of Calgary, Alberta Canada (1992)	
	A24	GROUP KIT A GROUPWARE TOOLKIT FOR BUILDING REAL-TIME CONFERENCING APPLICATIONS, Mark Roseman and Saul Greenberg, Department of Computer Science, University of Calgary, Alberta Canada, CSCW 92 Proceedings (1992)	
	A25	ISSUES AND EXPERIENCES DESIGNING AND IMPLEMENTING TWO GROUP DRAWING TOOLS, Saul Greenberg, Mark Roseman, David Webster and Ralph Bohnet, Department of Computer Science, University of Calgary, Alberta Canada (1992)	
	A26	LIVEWARE: A NEW APPROACH TO SHARING DATA IN SOCIAL NETWORKS, Ian H. Witten, Computer Science, University of Calgary, Canada, Harold W. Thimbleby, Computing Science, Stirling University, Stirling, Scotland, UK, George Coulouris, Queen Mary and Westfield College, London, Saul Greenberg, Computer Science, University of Calgary, Calgary, Canada (Received 1 May 1990 and accepted in revised form 1 August 1990)	
	A27	GROUPSKETCH: A MULT-USER SKETCHPAD FOR GEOGRAPHICALLY-DISTRIBUTED SMALL GROUPS, Saul Greenberg, Department of Computer Science, University of Calgary, Alberta Canada, Ralph Bohnet, MPR TelTech Ltd., Burnaby, Canada, CSCW (1991(b))	
	A28	THE WORLD WIDE WEB UNLEASHED, John December and Neil Randall, SAMS Publishing, Indianapolis, IN, (1994)	
	A29	PLATO: THE EMERGENCE OF ON-LINE COMMUNITY, Copyright 1994 by David R. Woolley, Matrix News, Vol. 4, No. 1, (1994)	
	A30	GTALK OWNERS MANUAL, David W. Jeske (1995)	
	A31	MUDS GROW UP: SOCIAL VIRTUAL REALITY IN THE REAL WORLD; Pavel Curtis and David A. Nichols, Xerox Parc (1993)	
	A32	COLLABORATIVE NETWORKED COMMUNICATION: MUDS as Systems Tools, Remy Evard, 1993 Lisa, November 1-5, 1993.	
Examiner Signature			Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of documents by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 3 of 7

Complete if Known

Application Number	09/399,578
Filing Date	09/20/1999
First Named Inventor	Marks, Daniel L.
Art Unit	2155
Examiner Name	Winder, Patrice L.
Attorney Docket Number	

NON PATENT LITERATURE DOCUMENTS

A33	PROCEEDINGS OF THE SEVENTH SYSTEMS ADMINISTRATION CONFERENCE (LISA VII), Monterey, CA, USENIX Association, (1993) (One Page)
A34	ROLE-PLAYING & ADVENTURE DUNGEONS & DRAGONS, Net Games, p. 67
A35	THE HISTORY OF NWN, Neverwinter Nights Archive (1991-1997), netgames™ YOUR GUIDE TO THE GAMES PEOPLE PLAY ON THE ELECTRONIC HIGHWAY, A Michael Wolff Book, Kelly Maloni, Derek Baker and Nathaniel Wice
A36	BAUDY TALES FROM THE CYBURBS: A GUIDE TO ON-LINE GAMES, (includes related articles on UseNet Message Groups and Suggested reading (Evaluation) (Software Review), Full Text: COPYRIGHT 1994 zdnet, Computer Gaming World, v 123 (1994)
A37	AMS: Area Message Service for SLC, M. Crane, R. Mackenzie, D. Millsom, M. Zelazny, Stamford Linear Accelerator Center, Stanford University, Stanford, CA, PAC (1993)
A38	AN EXPERIMENTAL MULTI-MEDIA BRIDGING SYSTEM, E.J. Addeo, A.B. Dayao, A.D. Gelman, V.F. Massa, Bell Communications Research, Morristown, NJ, ACM (1988)
A39	QUILT: A COLLABORATIVE TOOL FOR COOPERATIVE WRITING, Robert S. Fish, Robert E. Kraut, Mary D. P. Leland, Bell Communications Research, Michael Cohen, University of Washington, ACM (1988)
A40	RFC 1459 INTERNET RELAY CHAT PROTOCOL, J. Oikarinen, D. Reed (1993)
A41	WSCRAWL 2.0: A SHARED WHITEBOARD BASED ON X-WINDOWS, Brian Wilson
A42	GROUPWARE FOR REAL-TIME DRAWING – A DESIGNER'S GUIDE, Saul Greenberg, Stephen Hayne, Roy Rada, McGraw-Hill Book Company, Berkshire, England (1995)
A43	COLLABORATIVE DOCUMENT PRODUCTION USING QUILT, Mary D.P. Leland, Robert S. Fish and Robert E. Kraut, Bell Communications Research, Inc, Morristown, NJ ACM (1988)
A44	THE RAPPORT MULTIMEDIA CONFERENCING SYSTEM, S.R. Ahuja, J. Robert Ensor and David N. Horn, AT&T Bell Laboratories, Holmdel, NJ, ACM (1988)
A45	SOFTWARE ARCHITECTURE FOR INTEGRATION OF VIDEO SERVICES IN THE ETHERPHONE SYSTEM, P. Venkat Rangan, Member, IEEE, and Daniel C. Swinehart, Member, IEEE (1991)
A46	MULTIMEDIA CONFERENCING IN THE ETHERPHONE ENVIRONMENT, Harrick V. Vin, Polle T. Zellweger, Daniel C. Swinehart, and P. Venkat Rangan, Xerox Palo Alto Research Center, (1991)
A47	TOOLS FOR SUPPORTING THE COLLABORATIVE PROCESS, James R. Rhyne, Catherine G. Wolf, IBM Thomas J. Watson Research Center, Yorktown Heights, NY, UIST (1992)
A48	SYSTEM SUPPORT FOR COMPUTER MULTIMEDIA COLLABORATIONS, Harrick M. Vin, P. Venkat Rangan, University of California at San Diego, LaJolla, CA, Mon-Song Chen, IBM T. J. Watson Research Center, Yorktown Heights, NY, CSCW 92 Proceedings (1992)

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 4 of 7

Complete if Known

Application Number	09/399,578
Filing Date	09/20/1999
First Named Inventor	Marks, Daniel L.
Art Unit	2155
Examiner Name	Winder, Patrice L.
Attorney Docket Number	

NON PATENT LITERATURE DOCUMENTS

A49	COLLABORATION IN KMS, A SHARED HYPERMEDIA SYSTEM, Elise Yoder, Robert Aksyn, Donald McCracken, Knowledge Systems Incorporated, Murrysville, PA, ACM (1989)
A50	THE RENDEZVOUS ARCHITECTURE AND LANGUAGE FOR CONSTRUCTING MULTIUSER APPLICATIONS, Ralph D. Hill, Tom Brinck, Steven Rohall, John F. Patterson and Wayne Wilner, ACM Transactions on Computer-Human Interaction, Vol. 1, No. 2 (1994)
A51	COLLABORATION SUPPORT PROVISIONS IN AUGMENT, Douglas C. Engelbart, Tymshare, Inc. (1983)
A52	BUILDING REAL-TIME GROUPWARE WITH GROUPKIT, A GROUPWARE TOOLKIT, Mark Roseman and Saul Greenberg, University of Calgary, ACM Transactions on Computer-Human Interaction, Vol. 3, No. 1, (1996)
A53	ARCHITECTURE FOR A MULTIMEDIA TELECONFERENCING SYSTEM, L. Aguilar, J.J. Garcia-Luna-Aceves, D. Moran, E.J. Craighill, R. Brungardt, Information Services and Technology Center, SSRI International, Menlo Park, CA, ACM (1986)
A54	SPECIAL ISSUE ON CSCW: PART 1, HUMAN AND TECHNICAL FACTORS OF DISTRIBUTED GROUP DRAWING TOOLS, Saul Greenberg, Mark Roseman, Dave Webster and Ralph Bohnet, Interacting With Computers, Vol. 4, No. 3 (1992)
A55	DESIGN OF A MULTI-MEDIA VEHICLE FOR SOCIAL BROWSING, Robert W. Root, Bell Communications Research, NJ, ACM (1988)
A56	SUPPORTING COLLABORATIVE WRITING OF HYPERDOCUMENTS IN SEPIA, Jorg M. Haake and Brian Wilson, GMD-IPSI, Federal Republic of Germany, CSCW 92 Proceedings (1992)
A57	FILLING HTML FORMS SIMULTANEOUSLY: COWEB-ARCHITECTURE AND FUNCTIONALITY, Stephen Jacobs, Michael Gebhardt, Stefanie Kethers, Wojtek Rzasa, RWTH Aachen, Informatik V, Fifth International World Wide Web Conference, Paris, France (May 1996)
A58	THE WHOLE INTERNET, USER'S GUIDE & CATALOG ACADEMIC EDITION, Ed Krol, Bruce C. Klopfenstein, Ph.D., Bowling Green State University, An Imprint of Wadsworth Publishing Company
A59	WEBCHAT 0.2 SOURCE DISTRIBUTION, e-mail from Michael Fremont, Internet Roundtable Society, dated February 10, 1995
A60	SUPPORTING DEVELOPMENT OF SYNCHRONOUS COLLABORATION TOOLS ON THE WEB WITH GROCO, Michael Walther, Proceedings of the ERCIM workshop on CSCW and the Web, Sankt Augustin, Germany (Feb. 7-9 1996)
A61	THE UNIVERSITY OF CALGARY, DESIGN OF REAL-TIME GROUPWARE TOOLKIT, Mark Roseman, A THESIS SUBMITTED TO THE FACULTY OF GRADUATE STUDIES IN PARTIAL FULFILLMENT OF THE REQUIREMENTS FOR THE DEGREE OF MASTER OF SCIENCE, Department of Computer Science, Calgary, Alberta (Feb. 1993)
A62	SESSION MANAGEMENT FOR COLLABORATIVE APPLICATIONS, W. Keith Edwards, Graphics, Visualization & Usability Center College of Computing, Georgia Institute of Technology, GA, Association for Computer Machinery, Published in Proceedings of the ACM Conference on Computer-Supported Work (CSCW '94)
A63	SOCIAL ACTIVITY INDICATORS: INTERFACE COMPONENTS FOR CSCW SYSTEMS, Mark S. Ackerman, Brian Starr, Department of Information and Computer Science, University of California, Irvine, UIST (No. 14-17 (1995)
Examiner Signature	Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

5

of

7

Complete if Known

Application Number	09/399,578
Filing Date	09/20/1999
First Named Inventor	Marks, Daniel L.
Art Unit	2155
Examiner Name	Winder, Patrice L.
Attorney Docket Number	

NON PATENT LITERATURE DOCUMENTS

A64	SOCIAL ACTIVITY INDICATORS: INTERFACE COMPONENTS FOR CSCW SYSTEMS, SYMPOSIUM ON USER INTERFACE SOFTWARE AND TECHNOLOGY, Proceedings of the 8 th Annual ACM Symposium on User Interface and Software Technology, Pittsburgh, PA (1995)	
A65	DISTVIEW: SUPPORT FOR BUILDING EFFICIENT COLLABORATIVE APPLICATIONS USING REPLICATED OBJECTS, Atul Prakash and Hyong Sop Shim, Software Systems Research Laboratory, Department of Electrical Engineering and Computer Science, University of Michigan, MI ACM (1994)	
A66	GTALK SOURCE LICENSE AGREEMENT, David W. Jeske, 08/02/1998)	
A67	ENGLEBART DOUGLAS C.: "Authorship Provisions in AUGMENT" COMPCON '84 Digest: Proceedings of the COMPCON Conference, San Francisco, CA, February 27 - March 1, 1984, pp. 465-472	
A68	ENGLEBART, DOUGLAS C.: "Toward High-Performance Knowledge Workers." OAC '82 Digest, Proceedings of the AFIPS Office Automation Conference, San Francisco, CA, April 5-7 1982, pp. 279-290	
A69	LEE, ANDREW: "Anonymous collaboration: an alternative technique for working together" ACM SIGCHI Bulletin Volume 26 ,Issue 3, July 1994, Pages: 40 - 46	
A70	ABDEL-WAHAB, HUSSEIN: "Reliable Information Service for Internet Computer Conferencing" Proceedings , Second Workshop on Enabling Technologies Infrastructure for Collaborative Enterprises, IEEE Comput. Soc. Press, 1993, pp 128-42	
A71	FRENCH, ROBERT S ET AL: "The Zephyr Programmer's Manual" Protocol Version ZEPH0.2, April 5, 1989	
A72	FERMANN, CARLA J.: "Distributed consulting in a distributed environment" New Centerings in Computing Services, Proceedings of the 18th annual ACM SIGUCCS conference on User services Cincinnati, Ohio, United States , 1990 Pages: 117-120	
A73	Shell = /bin/sh	
A74	COHEN, ABBE: "Inessential Zephyr" The Student Information Processing Board, August 23, 1993	
A75	FRENCH, ROBERT /mit/zephyr/repository/zephyr/clients/zaway/zaway.c, v \$; Copyright (c) 1987, 1993 by the Massachusetts Institute of Technology. * *	
A76	SUNKAVALLY, N ET AL: "Using MIT's Athena Computing System" The Tech, Volume 119, Number 39, Thursday, September 2, 1999.	
A77	TONY DELLA FERA ET AL.: "Zephyr - Sephyr Notification Service" MIT Project Athena (July 1, 1988) Zephyr Notification Service	
A78	HORUS: A FLEXIBLE GROUP COMMUNICATIONS SYSTEM, Robbert van Renesse, Kenneth P. Birman, and Silvano Maffei, Department of Computer Science, Cornell University	
A79	HORUS: A FLEXIBLE GROUP COMMUNICATIONS SYSTEM, Robbert van Renesse, Kenneth P. Birman, and Silvano Maffei, Communications of the ACN, April 1996, Volume 39, No. 4	
A80	FRENCH ROBERT S.: "Zaway - tell other people via Zephyr that you aren't around" MIT Project Athena, July 1, 1988	

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

6

of

7

Complete if Known

Application Number	09/399,578
Filing Date	09/20/1999
First Named Inventor	Marks, Daniel L.
Art Unit	2155
Examiner Name	Winder, Patrice L.
Attorney Docket Number	

NON PATENT LITERATURE DOCUMENTS

A81	KURLANDER, DAVID ET AL: "Comic Chat" Proceedings of SIGGRAPH'96 (New Orleans, August 1996), Computer Graphics Proceedings, Annual Conference Series, pages 225-236, New York, 1996. ACM SIGGRAPH	
A82	Eggheads.org - Main Index, page 1 or 1	
A83	IRC.NET - "IRC.NET - IRC History Our Version",	
A84	MAES, P: "Artificial Life meets Entertainment: Interacting with Lifelike Autonomous Agents", In: Special Issue on New Horizons of Commercial and Industrial AI 38, 11 (1995) 108-114, Communications of the ACM, ACM Press.	
A85	LEONARD ANDREW: "Bots are Hot" Wired 4.04	
A86	WALKER, JANET H. ET AL: "Using a Human Face in an Interface", ACM Human Factors in Computing Systems, April 24-28, 1994 pages 85-91.	
A87	"Visual Dialog Showing Speech Interaction with an Intelligent Agent" IBM Technical Disclosure Bulletin, Volume 39, Number 1, January 1996, pages 237-239	
A88	AN INTELLIGENT NETWORK SERVICE PROTOTYPE USING KNOWLEDGE PROCESSING, Int. Conf. On Tools for AI (1991)	
A89	JULIA'S HOME PAGE, Julie, a Chatterbot (Dec. 19, 1994)	
A90	CHATTERBOTS, TINYMUDS, AND THE TURING TEST, Entering the Loebner Price Competition (Jan. 24, 1994)	
A91	ENTERTAINING AGENTS: JULIA (1993)	
A92	WHAT IS AN AGENT, ANYWAY? A SOCIOLOGICAL CASE STUDY, Leonard N. Foner, (May 1993)	
A93	SOCIAL ACTIVITY INDICATORS: INTERFACE COMPONENTS FOR CSCW SYSTEMS, Mark S. Ackerman and Brian Starr, Dept. of Info. And Computer Science, Univ. of California, Irvine (Nov. 14-17, 1995) UIST '95	
A94	SOFTWARE SECRETARIES: LEARNING AND NEGOTIATING PERSONAL ASSISTANTS FOR THE DAILY OFFICE WORK, Siegfried Bocione, Siemens AG, Munich, Germany (1994 IEEE)	
Examiner Signature		Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>			Complete if Known		
			Application Number	09/399,578	
			Filing Date	09/20/1999	
			First Named Inventor	Marks, Daniel L.	
			Art Unit	2155	
			Examiner Name	Winder, Patrice L.	
			Attorney Docket Number		
Sheet	7	of	7		

NON PATENT LITERATURE DOCUMENTS					
	A95	MUDs IN EDUCATION: NEW ENVIRONMENTS, NEW PEDAGOGIES, Tari Lin Fanderclai, COMPUTER – MEDIATED COMMUNICATION Magazine, Vol. 2, No. 1, January 1, 1995.			
	A96	THE EVOLUTION OF INTERCAT-SCALE EVENT NOTIFICATION SERVICES: PAST, PRESENT AND FUTURE, Adam Rifkin and Rohit Khare, August 10, 1998.			
	A97	THE MATURATION OF COMPUTER – MEDIATED COMMUNICATION; Gregory B. Newby, Graduate School of Library and Information Science, University of Illinois at Urbana-Champaign.			
	A98	DISCUSS: AN ELECTRONIC CONFERENCING SYSTEM FOR A DISTRIBUTED COMPUTING ENVIRONMENT, Ken Raeburn et al., Project Athena, Massachusetts Institute of Technology, Cambridge, MA 02139.			
	A99	THE ZEPHYR HELP ASSISTANCE: PROMOTING ONGOING ACTIVITY IN A CSCW SYSTEM; Mark Ackerman and Leysia Palen, Department of Information and Computer Science, University of California, Irvine (to appear in the Proceedings of the ACM Conference on Human Factors in Computing Systems (CHI '96)).			
	A100	THE ZEPHYR NOTIFICATION SERVICE, C. Anthony DellaFera et al., Digital Equipment Corp., Project Athena, Massachusetts Institute of Technology, Cambridge, MA.			
Examiner Signature			Date Considered		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.